

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claim 1 (currently amended): A machine for slitting plane packaging blanks (3), ~~said machine being of the type including~~ comprising:

a driving 5 roller assembly (1'a, 1'b, 5', 5'') for advancing said packaging blanks, ~~as well as blanks;~~

at least one rotatable slitting roller (7) with at least one knife (9) for producing a front edge slit (11) and/or a rear edge slit (13) in each packaging blank, said knife (9) being sector-shaped, and defined by two knife end edges (9a, 9b), a first knife portion (9A) adjacent ~~the~~ a first knife end edge (9a) being adapted to cut the front edge slit (11) out in ~~the~~ a front edge (15) of said blank (3), ~~whereas and~~ and a second knife portion (9B) adjacent ~~the other~~ a second knife end edge (9b) is adapted to cut a rear edge slit (13) out in ~~the~~ a rear edge (17) of said blank (3) and rearwards through said rear edge (17) while said blank (3) is advanced through the machine at a uniform speed, ~~characterised in, that wherein~~ the sector-shaped knife (9) extends over a per se known central angle v of approx 225-300°, and ~~that the~~ the first knife end edge (9a) of the first knife portion (9A) ~~by means of the slitting roller (7), the driving motor (21) and the programme timer (23) is adapted to be turned~~ turns from an initial position (S) - in which the first knife end edge (9a) is positioned at a predetermined central angle x (the arc $\pi/180 rx$) from radius to ~~the~~ a cutting site (25) substantially corresponding to ~~the~~ a desired slit length – and a central angle x forwards until the front edge slit (11) has been cut, and ~~that wherein~~ said knife (9) is retarded when ~~the~~ a knife gap (19) is positioned above the blank (3),

~~and that the other~~ and wherein the second knife end edge (9b) of said second knife portion (9B) or an additional knife is ~~adapted also by means of said slitting roller (7), said driving motor (21) and said programme timer (23) to be turned~~ turns from an initial angular position (y) and downwards into the blank at the cutting site (25) for the production of the rear edge slit (13), and is subsequently ~~be~~ turned (9) an arc substantially corresponding to ~~the~~ a length (b) of the rear edge slit (13) of said blank, where said second knife end edge is retarded and then turned forwards in such a manner that the first knife end edge (9a) reaches ~~its~~ an initial position (S) ready to make slits in a subsequent packaging blank (3); and

a back-pressure roller provided below the slitting roller, said backpressure roller including two relatively thin, circular disks interspaced a distance corresponding to the thickness of the knife, the knife extending a distance into the space between the two circular disks.

Claim 2 (withdrawn): A machine as claimed in claim 1, **characterised in** that by means of the slitting roller (7), the driving motor (21) and the programme timer (23), the knife (9) is adapted during the cutting of both the front edge slit (11) and the rear edge slit (13) to run at a peripheral speed which is substantially equal to the advancing speed of the packaging blank (3).

Claim 3 (withdrawn): A machine as claimed in claim 1, **characterised in** that by means of the slitting roller (7), the driving motor (21) and the programme timer (23), the knife (9) is adapted to ensure that during the retarding movement the peripheral speed of said knife (9) is finally zero.

Claim 4 (withdrawn): A machine as claimed in claim 1, **characterised in** that the central angle x is in the range $30^{\circ} < x < 70^{\circ}$, and the angle y is in the range $30^{\circ} < y < 70^{\circ}$.

Claim 5 (withdrawn): A machine as claimed in claim 1, **characterised in** that the driving motor (21) is a servomotor.

Claim 6 (canceled)

Claim 7 (original): A machine as claimed in claim 1 wherein said blanks are made of corrugated board.

Claim 8 (withdrawn): A machine as claimed in claim 1 wherein the driving motor (21) is an electric step motor.

Claim 9 (withdrawn): A machine as claimed in claim 1 wherein the driving motor (21) is a mechanical/hydraulic driving motor.

Claim 10 (canceled)

Claim 11 (new): A machine as claimed in claim 1 wherein the back-pressure roller is provided with a resilient coating.

Claim 12 (new): A machine as claimed in claim 11, wherein the resilient coating comprises rubber.